

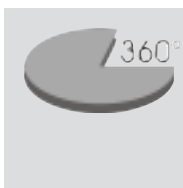
gas-/ water-cooled digital MIG/MAG-PULS welding machines

- digital inverter power source
- stepless adjustable welding current
ProPULS 300: 10-300 A
ProPULS 320: 10-320 A / ProPULS 400: 10-400 A
- control: synergic single knob operation, 2/4-cycle, crater filling current, wire threading (without current and gas) synergetic-, hand- and automatic operation, spot welding time, program selection, backup function for user programs (100 programs per welding method; except electrode), process flow, exact adjustment of welding voltage (+/- 25%)
- welding proceedings:
MIG-pulse, MIG-double-pulse, MIG/MAG, MMA, TIG-Lift-Arc
- easy adjustment of parameters due to the selection of a synergic program (material, wire diameter, gas)
- digital display of current and voltage
- wire feeder with 4-roller drive
- fan and water-cooling with standby
- thermal overload protection
- fast error diagnosis via display of error codes
- switch and control systems in dust-proof room
- clear and service-friendly design
- central connection for welding torch
- remote control socket for foot- and handoperated remote control
- sign S

option:

- ProPULS 320 and 400:
intermediate hose pack in various lengths
- trolley FG 8 and cooling unit KG 8

ProPULS 300 C ProPULS 320 / 400



technical data	ProPULS 300 C	ProPULS 320	ProPULS 400
supply voltage, 50 / 60 Hz	400 V, 3 phase	400 V, 3 phase	400 V, 3 phase
fuse	16 A slow	20 A slow	20 A slow
max. power draw	11 kVA	12 kVA	14,5 kVA
cos phi	0,9	0,9	0,9
setting range stepless	10 - 300 A	10 - 320 A	10 - 400 A
operating voltage	14,5 - 29 V	14,5 - 30 V	14,5 - 34 V
open circuit voltage	70 V	70 V	70 V
duty cycle 40°C			
40 %	300 A / 29,0 V	320 A / 30,0 V	400 A / 34,0 V
60 %	230 A / 25,5 V	260 A / 27,0 V	350 A / 31,5 V
100 %	180 A / 23,0 V	200 A / 24,0 V	270 A / 27,5 V
system of protection	IP 23	IP 23	IP 23
insulation class	F (155 C°)	F (155 C°)	F (155 C°)
system of cooling	F	F	F
weight power source / incl. cooling a. trolley	36 kg / 79 kg	33 / 107 kg	45 / 119 kg
dimensions L x W x H (mm) power source	625 x 340 x 540	-----	-----
compl.	910 x 340 x 995	910 x 340 x 1420	910 x 340 x 1420

article number	ProPULS 300 C	ProPULS 320	ProPULS 400
gas-cooled	843.300.001	-----	-----
water-cooled with FG 8 and KG 8	843.300.001	843.320.001	843.400.002